

Serial No.: 09/886,071

Art Unit: 2152

Page 2

***AMENDMENTS TO THE CLAIMS***

Please amend the claims as indicated hereafter (where underlining “\_” denotes additions and strikethrough “-” denotes deletions).

***Claims:***

1. (Currently Amended) A system for facilitating communication between a user and a network of information items, comprising:

a remote data storage device for storing the information items, wherein the information items are stored in the form of pages, and wherein the pages contain a plurality of links to other information items;

a multi-layer architecture comprising:

a client device having a user interface program thereon, for allowing a user to interface with the network and request the information items;

and

a server device, in communication with the client device and in communication with the remote storage device, for handling information requests from multiple clients and for storing information retrieved from the data storage devices locally in a server cache memory;

a data collection module for collecting and storing successive actions of a particular authenticated user; and

a probability module in communication with the data collection module for calculating a probability for the desirability of the links by the particular user and for comparing the probability to a predetermined threshold value to identify predicted links and for retrieving the predicted information items associated with the links from the remote data storage devices and enabling the storage of ~~storing~~ the predicted information items on all layers of the multi-layer architecture ~~in the server cache memory~~ in advance of the particular user's request for the selected information items.